

**MAINE TURNPIKE AUTHORITY**

**ADDENDUM NO. 1**

**CONTRACT 2024.04**

**PAVEMENT REHABILITATION**  
**EXIT 75 AUBURN**

The following changes are made to the CONTRACT DOCUMENTS:

**PROPOSAL SHEETS:**

Remove P-2 thru P-5 and replace with attached.

**SPECIFICATIONS:**

Remove third paragraph on SP-7 Section 107.4.7 Limitations of Operations and replace with:

The open cut conduit runs across the northbound off ramp and southbound on/off ramps shall be performed during ramp shutdowns which can occur between 9:00pm and 5:30am.

Remove SP-59.

Remove SP-64 and SP-65 and replace with attached.

**PLANS:**

Remove Plan Sheet 4 and Plan Sheet 10 and replace with attached.

**QUESTIONS:**

Q1: Can we use the slip ramp by Cote Crane going southbound for dump trucks?

A1 Yes, with a Lane 2 closure.

**PRE-BID MEETING MINUTES:**

Attached.

**Notes:** The above items shall be considered as part of the bid submittal.

The total number of pages included with this addendum is 18

All bidders are requested to acknowledge the receipt of the Addendum No. 1 by signing below and faxing this sheet to Nate Carll, Purchasing Department, MTA at 207-871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 1 on Page P-6 of the bid package.

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

March 18, 2024

Very truly yours,  
MAINE TURNPIKE AUTHORITY

\_\_\_\_\_  
Nathaniel Carll  
Purchasing Manager  
Maine Turnpike Authority

**SCHEDULE OF BID PRICES  
 CONTRACT NO. 2024.04  
 Pavement Rehabilitation  
 Exit 75 Auburn**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
201.11	Clearing	Acre	4				
202.202	Removing Pavement Surface	Square Yard	17,100				
202.2026	Removing Pavement Surface - Drainage Paths	Square Foot	240				
203.20	Common Excavation	Cubic Yard	7,200				
403.2081	Hot Mix Asphalt, 12.5mm (Polymer Modified)- RAP	Ton	1,750				
409.15	Bituminous Tack Coat - Applied	Gallon	1,100				
424.324	Asphalt Rubber Mastic Crack Sealant	Pound	6,000				
470.08	Berm Dropoff Correction - Grindings	Linear Foot	3,500				
470.081	Berm Correction	Linear Foot	1,500				
603.179	18 inch Culvert Pipe Option III	Linear Foot	50				
610.08	Plain Riprap	Cubic Yard	5				

**CARRIED FORWARD:**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
<b>BROUGHT FORWARD:</b>							
613.319	Erosion Control Blanket	Square Yard	750				
615.07	Loam	Cubic Yard	230				
618.1401	Seeding Method Number 2, Plan Quantity	Unit	3				
619.1202	Temporary Mulch	Lump Sum	1				
626.33	30 inch Diameter, 8 feet or less Foundation	Each	1				
626.122	Quazite Junction Box (18x11)	Each	2				
626.221	Non-Metallic Conduit	Linear Foot	350				
627.712	Pavement Marking Line White or Yellow	Linear Foot	11,200				
627.75	White or Yellow Pavement & Curb Marking	Square Foot	800				
627.78	Temporary Pavement Marking Line	Linear Foot	10,000				
627.812	Temporary Raised Pavement Markers	Each	1,300				
629.05	Hand Labor, Straight Time	Hour	15				

**CARRIED FORWARD:**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
<b>BROUGHT FORWARD:</b>							
631.10	Air Compressor (including operator)	Hour	10				
631.11	Air Tool (including operator)	Hour	10				
631.12	All Purpose Excavator (including operator)	Hour	40				
631.172	Truck - Large (including operator)	Hour	40				
631.32	Culvert Cleaner (including operator)	Hour	10				
631.36	Foreman	Hour	40				
631.53	Electrician	Hour	10				
634.2312	Conventional Light Standard with Authority Supplied LED Fixture	Each	1				
634.2313	Remove and Dispose Light Standard	Each	1				
652.30	Flashing Arrow	Each	3				
652.312	Type III Barricades	Each	12				
652.35	Construction Signs	Square Foot	2,740				

**CARRIED FORWARD:**

Item No	Item Description	Units	Approx. Quantities	Unit Prices in Numbers		Bid Amount in Numbers	
				Dollars	Cents	Dollars	Cents
<b>BROUGHT FORWARD:</b>							
652.3611	Maintenance of Traffic Control Devices	Lump Sum	1				
652.38	Flaggers	Hour	500				
652.411	Portable - Changeable Message Sign	Each	4				
652.4502	Truck Mounted Attenuator	Each	1				
652.46	Temporary Portable Rumble Strips (1 Unit = 3 Strips)	Unit	22				
656.50	Baled Hay, in place	Each	30				
656.632	30 inch Temporary Silt Fence	Linear Foot	100				
659.10	Mobilization	Lump Sum	1				
<b>TOTAL:</b>							

SPECIAL PROVISION

SECTION 634

HIGHWAY LIGHTING

(Conventional Light Standard with Authority Supplied LED Fixture)  
(Remove and Dispose Light Standard)

634.01 Description

The following paragraphs are added:

The work shall consist of verifying the voltage of existing luminaires and circuits.

The work shall consist of installing a new dual arm conventional light standard with (LED fixtures) supplied by the Authority, including all appurtenances at locations shown.

The work shall consist of removing existing light standards, luminaries, and any breakaway devices, and their associated foundations. All existing LED luminaires removed shall be salvaged to the Authority. All existing light standards and associated appurtenances and all non-LED luminaires removed by the Contractor, unless otherwise noted, shall become the property of the contractor.

Existing lighting shall remain operational at all times. Any temporary lighting that may be needed during removing and resetting of existing light standards shall be incidental to the 634 items.

Conventional light standard shall be supplied by the Contractor. The two LED fixtures will be supplied by the Authority and will be available at the MTA Sign Shop at MM 58 NB.

The new pole shall have identification labels as per the detail shown on the plan sheets.

634.02 General

The following paragraphs are added:

All Contract work shall be overseen by a Maine licensed Master Electrician. The lead person for the field installations shall be either a Maine licensed Master Electrician, or a Maine licensed Journeyman Electrician. Apprentice Electricians, Helper Electricians, Journeyman-In-Training Electricians, and helpers may work under the Master or Journeyman Electrician as permitted under the law.

The Contractor shall comply with National Electrical Code (NFPA 70) as applicable to construction and installation of electrical cable, wire and connectors; provide electrical cable, wire and connectors, which have been listed and labeled by Underwriters Laboratories, and comply with

National Electrical Manufacturers Association/Insulated Power Cable Authorities Association Standards publications pertaining to materials, construction and testing wire cable, where applicable.

At a minimum the Contractor shall provide the following field quality control:

- Prior to energizing, check wire for continuity of circuitry and for short circuits with ohmmeter type testing equipment. Correct malfunction when detected.
- Subsequent to wire hook-ups, energize circuitry and demonstrate functioning in accordance with requirements.

#### 634.021 Materials

The following paragraphs are added:

Splices in junction boxes shall be made with Burndy UGS350ULDB Direct Burial/Submersible Splice Wire Range #12 AWG – 350KCMIL connectors for the appropriate wire count only.

This item shall include the providing and installation of all AWG XHHW grade wire for highway lighting, as described herein, including grounding wires (where applicable), for all locations called for in the plans/specifications. All wire installed in conduit must be copper and direct burial grade, suitable for wet locations. Payment for all wiring for highway lighting will be incidental to the 634 items.

#### 634.04 Cable Installation

All wire used on the project shall conform to the following color codes:

120 Volt AC: Black or Red (for alternating circuits), a White neutral and Green ground.

208 Volt AC: Black / Red / Blue and a Green ground.

240 Volt AC: Black and Red and a Green ground.

277 Volt AC: Brown or Orange or Yellow, a Gray Neutral and a Green ground.

480 Volt AC: Orange and Brown and a Green ground.

#### 634.051 Removing Light Standards

The first paragraph is deleted and replaced with the following:

Before removing light standards, the luminaires shall be removed from the light standard and stacked.

The Contractor will not be allowed to remove the existing light standards until all new foundations, wiring, conduits and junction boxes have been installed. Existing light levels shall be maintained while new light standards are being installed and made fully operational. New breakaway devices and mounting hardware shall be required on all proposed light standards.



634.06 Luminaires

The second paragraph is revised to read:

The connections between the luminaires and connector kits shall be made with number 10 wires AWG copper stranded XHHW, minimum size. A 14-inch-long Teflon sleeve shall be placed over each end of each conductor in the luminaire. Wire shall be color coded per 634.04.

634.092 Method of Measurement

The following sentences are added:

Conventional Light Standard with Authority Supplied LED Fixtures will be measured by the single unit, complete in place and accepted.

Remove and Dispose Light Standard will be measured by the single unit, complete in place and accepted. Payment will include the removal the existing foundation as per MDOT 626 (04)

634.093 Basis of Payment

The following paragraphs are added:

Payment for Conventional Light Standard with LED Fixtures will be made for the accepted quantity at the Contract unit price each. Payment shall be full compensation for loading, transporting LED fixtures from the MTA Sign Shop at MM 58 to the project site, installing the light standard, breakaway device, bracket arm, new LED luminaires-supplied by the Authority, fixture mounted photo eye as supplied by the Authority and provide disconnect fuse kit, and all incidentals to complete the work including the identification labels.

Payment for Remove and Dispose Light Standard will be made for the Contract unit price each for the accepted quantity. Payment shall be full compensation for removing and disposing light standard and removal of the existing foundation. Existing Light Standard and foundation shall become the property of the contractor and payment incidental to the Remove and Dispose Light Standard item.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
634.2312      Conventional Light Standard with Authority Supplied LED Fixtures	Each
634.2313      Remove and Dispose Light Standard	Each

**MAINE TURNPIKE AUTHORITY**

Pre-Bid Conference

CONTRACT 2024.04

Pavement Rehabilitation

Exit 75 Auburn

March 12, 2024 11:00 AM

1) Location:

- a) Pavement Rehabilitation Exit 75 Auburn Interchange in the City of Auburn on the Maine Turnpike.
- b) Drainage improvements at Exit 75.
- c) New dual arm light pole at southbound on/off gore.
- d) Excavation at southbound off to create a 3:1 slope.
- e) Temporary Portable Rumble Strips-MTA provide-MTA has three sets, Contractor installs.
- f) **Clearing and chipping at Southbound on ramp.**

2) General Description:

The pavement rehabilitation work consists of milling the shoulders and lanes at Exit 75 in Auburn and paving them. The work also includes clearing, excavation, drainage work, pavement markings, electrical work and maintenance of traffic and all other work incidental thereto will be completed in accordance with the Plans and Specifications.

3) Bid Opening:

- a) March 21, 2024 at 11:00 A.M. at MTA headquarters 2360 Congress Street, Portland.
- b) All bid and contractual questions shall be directed to Mr. Nathaniel Carll. Phone No. (207) 871-7771 Ext. 115.
- c) All questions on plans and specifications shall be in faxed or emailed to Nathaniel Carll, Purchasing Manager(ncarll@maineturnpike.com), of the Maine Turnpike Authority. Fax No. (207) 871-7739.

4) Notification:

- a) Contractor shall notify and obtain approval from the Authority prior to visiting the Project site for field inspection. The contact person is Mr. Steve Tartre at (207) 871-7771, Ext. 144. Please send an email to Steve T. (startre@maineturnpike.com) in lieu of a phone call.

- 5) Construction Schedule/Prosecution of Work:
  - a) After Contract Execution.
  - b) September 13, 2024 – Substantial Completion, (defined in Special Provision
  - c) September 27, 2024 - Contract Completion date.
  - d) Lanes and adjacent shoulders shall be kept even during milling.
- 6) Maine Department of Labor – Fair Hourly Wages (Special Provision 104.3.8):
  - a) Highway and Earthwork wages in Androscoggin County(SP-3).
- 7) Cooperation with Other Contractors (MTA Supplemental Specification 104.4.7)(SP-4):
  - a) 2023.03 Route 122 Underpass MM74.0.
  - b) 2024.06 2024 Bridge Repairs
- 8) General Requirements
  - a) U-Turns at toll plazas and median openings not allowed.
  - b) Class III vests.
- 9) Permit Requirements (Special Provision 105.8.2)
  - a) See SP-5.
- 10) Limitations of Operations (Special Provision 107.4.7 SP-7):
  - a) Contractor responsible for all pavement markings.
  - b) Milling and paving with ramp shutdowns(four per ramp) (9pm-5:30am)
  - c) Electrical trench open cut at night.
  - d) Temporary construction entrance for excavation done at night. **The rest is anticipated to be done during the day.**
  - e) Clearing and chipping.
- 11) Traffic Control (Supplemental Specification and Special Provision Section 652):
  - a) Contractor is responsible for supplying all traffic control devices except temporary portable rumbles strips.
  - b) Contractor is responsible for placement, relocation, removal and maintenance of traffic control devices. Maintenance of traffic control devices is a 24-hour a day, seven day per week, responsibility. Contractor shall inspect devices as required.
  - c) Stoppages of traffic for moving heavy or slow equipment across turnpike (stoppages less than five minutes)
    - i) Install signs “Expect Stopped Traffic” and “ Be Prepared to Stop”
    - ii) Fee of \$500 per minute for each minute in excess of the five minute allowance.
    - iii) Requests for short term traffic stoppages (up to 5 minutes) shall be submitted two days in advance of scheduled stoppage. Request subject to approval by MTA.
  - d) All signs, which do not apply to current construction activity, shall be 100% covered or removed in accordance with the plans. This includes any speed limit signs when work zone speed is in operation.

12) New Items

- i) SP-72 Truck Mounted Attenuator
- ii) MTA Supplemental Specifications-On Line.
- iii) SP-1 Juneteenth Day June 19, 2024.
- iv) Rs-1 Tack Protect concrete toll slabs.

13) Addendums will be issued if needed. **Plan to issue Addendum on Monday 3-18-24**

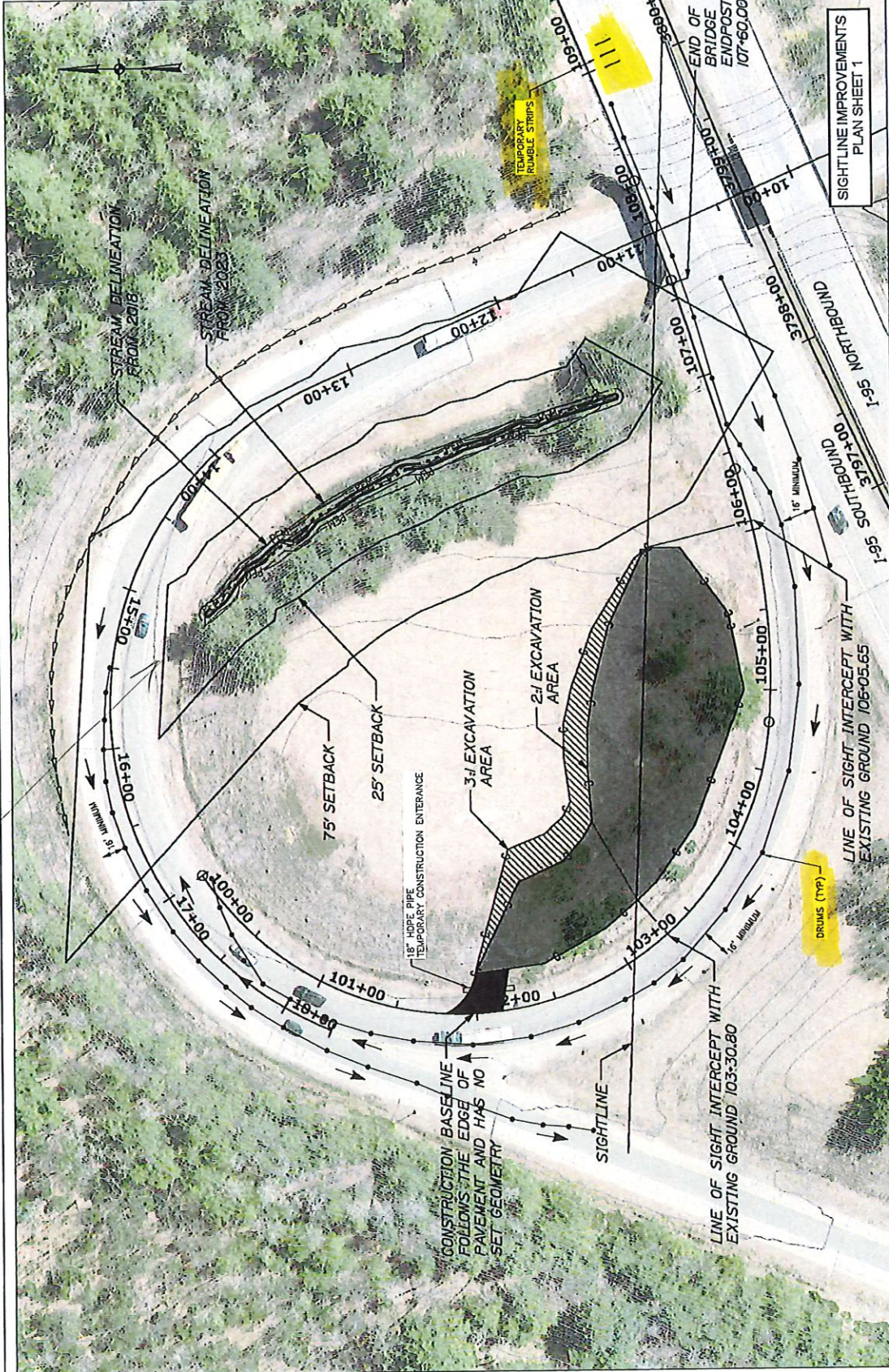
- a) Any pertaining to the Pre-bid Meeting.
- b) Electrical 634 SP, pay item for existing luminaire, pole and foundation removal. **Will require existing foundation to be demolished two feet below grade.**

14) Other

- a.) Potential Wrong Way/Do Not Enter signs-**conduit only may be installed under this contract. Will be in Addendum if so.**

15) Questions-**will take until end of business Friday 3-15-24**





PAVEMENT REHABILITATION  
 SITE PLAN III

**THE GOLD STAR MEMORIAL HIGHWAY**

MAINE TURNPIKE AUTHORITY  
 2350 Congress Street  
 Portland, ME 04102  
 TEL (207) 871-7771  
 FAX (207) 879-5567

WPA PROJECT MANAGER: Joseph R. Leavell, P.E.  
 CONTRACT: 2024.04  
 SHEET NUMBER: P-4  
 6 of 19

Designed by:

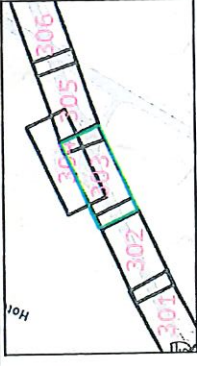
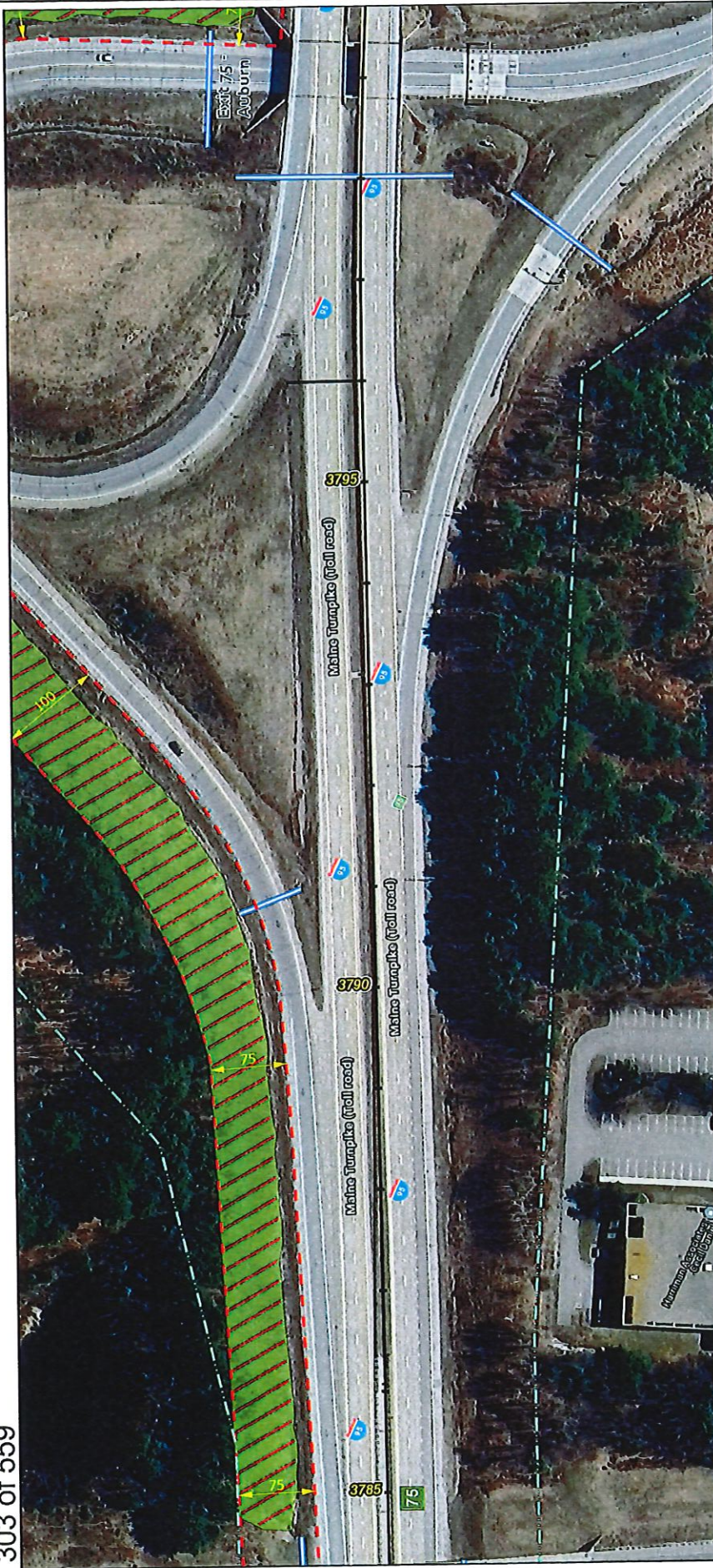
No.	Revision	By	Date

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No.	Revision	By	Date



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**Legend:**

- ROW Boundary
- Clearing Limit Line
- Vegetation To Be Removed
- No Stump Grinding Required
- Do Not Remove Vegetation
- Stream Buffer
- Duck Box
- Culverts
- Delineated Stream
- Delineated Stream Boundary
- Delineated Wetland Boundary
- Vernal Pool

- Notes:**
- All trees, down timber, brush, bushes, shrubs, plants and debris not designated to remain shall be removed from the clearing areas shown on these plans.
  - Contractor shall take all precautions to protect traffic from flying debris generated by the operation.
  - All vegetated areas to remain that are damaged by the clearing operation shall be repaired at no cost to the Authority.
  - Mechanized clearing operations shall maintain a 25-foot setback from all streams and sensitive environmental areas.



Designed By:		MAINE TURNPIKE AUTHORITY	
No.	Revision	By	Date
		JRL	02/20/24
		HJM	02/20/24
		SRT	02/20/24

MAINE TURNPIKE  
 2300 CONGRESS STREET  
 PORTLAND, ME 04102  
 TEL (207) 874-7771  
 FAX (207) 879-5567



CONTRACT: 2024.04 - PAVEMENT REHABILITATION  
 EXIT 75  
 SHEET NUMBER: 303 of 559  
 CONTRACT: 2024.04





**Notes:**

1. All trees, down timber, brush, shrubs, plants and debris not designated to remain shall be removed from the clearing areas shown on these plans.
2. Contractor shall take all precautions to protect traffic from flying debris generated by the operation.
3. All vegetated areas to remain that are damaged by the clearing operation shall be repaired at no cost to the Authority.
4. Mechanized clearing operations shall maintain a 25-foot setback from all streams and sensitive environmental areas.

**Legend:**

- ROW Boundary
- Clearing Limit Line
- Vegetation To Be Removed
- No Stump Grinding Required
- Do Not Remove Vegetation
- Stream Buffer
- Duck Box
- Culverts
- Delineated Stream
- Delineated Stream Boundary
- Delineated Wetland Boundary
- Vernal Pool



No.	Revision	By	Date

Designed By:	Date	By	Date
MAINE TURNPIKE AUTHORITY	02/20/24	JRL	02/20/24

Checked	In Charge of	Date

**THE GOLD STAR  
MEMORIAL HIGHWAY**

MAINE TURNPIKE  
AUTHORITY  
2860 BERRY STREET  
PORTLAND, ME 04102  
TEL (207) 871-7771  
FAX (207) 879-5557

CONTRACT: 2024.04 - PAVEMENT REHABILITATION  
EXIT 75

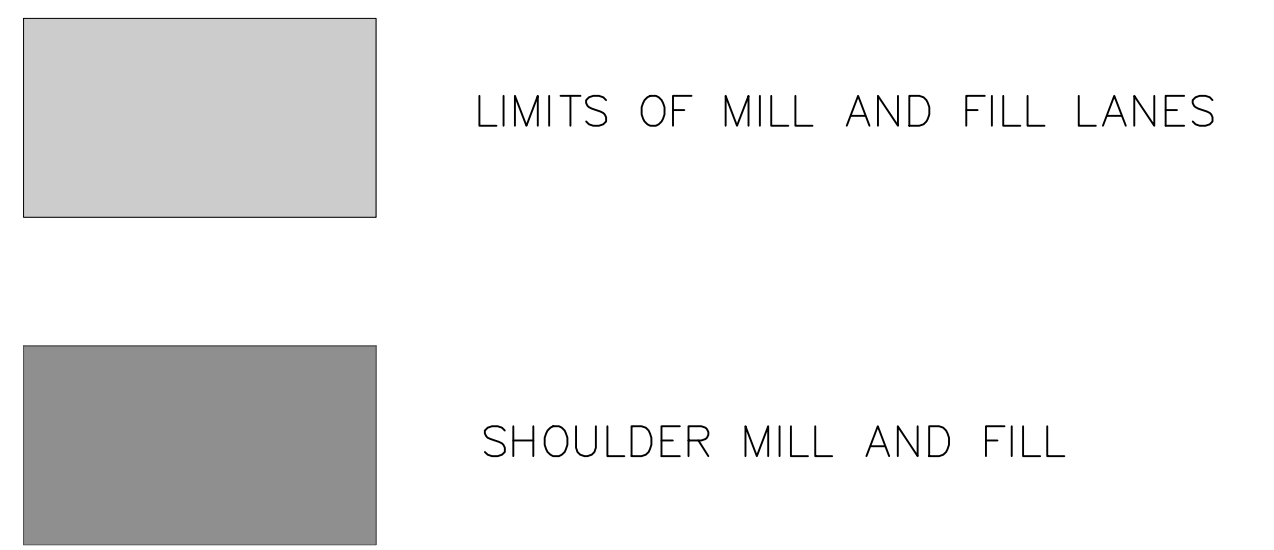
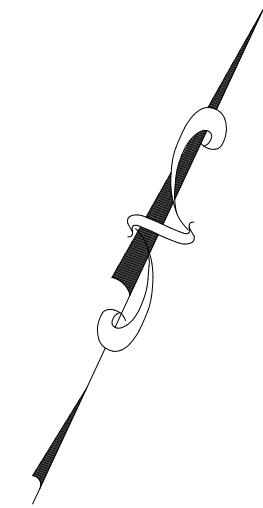
CONTRACT: 2024.04

SHEET NUMBER: 304 of 559

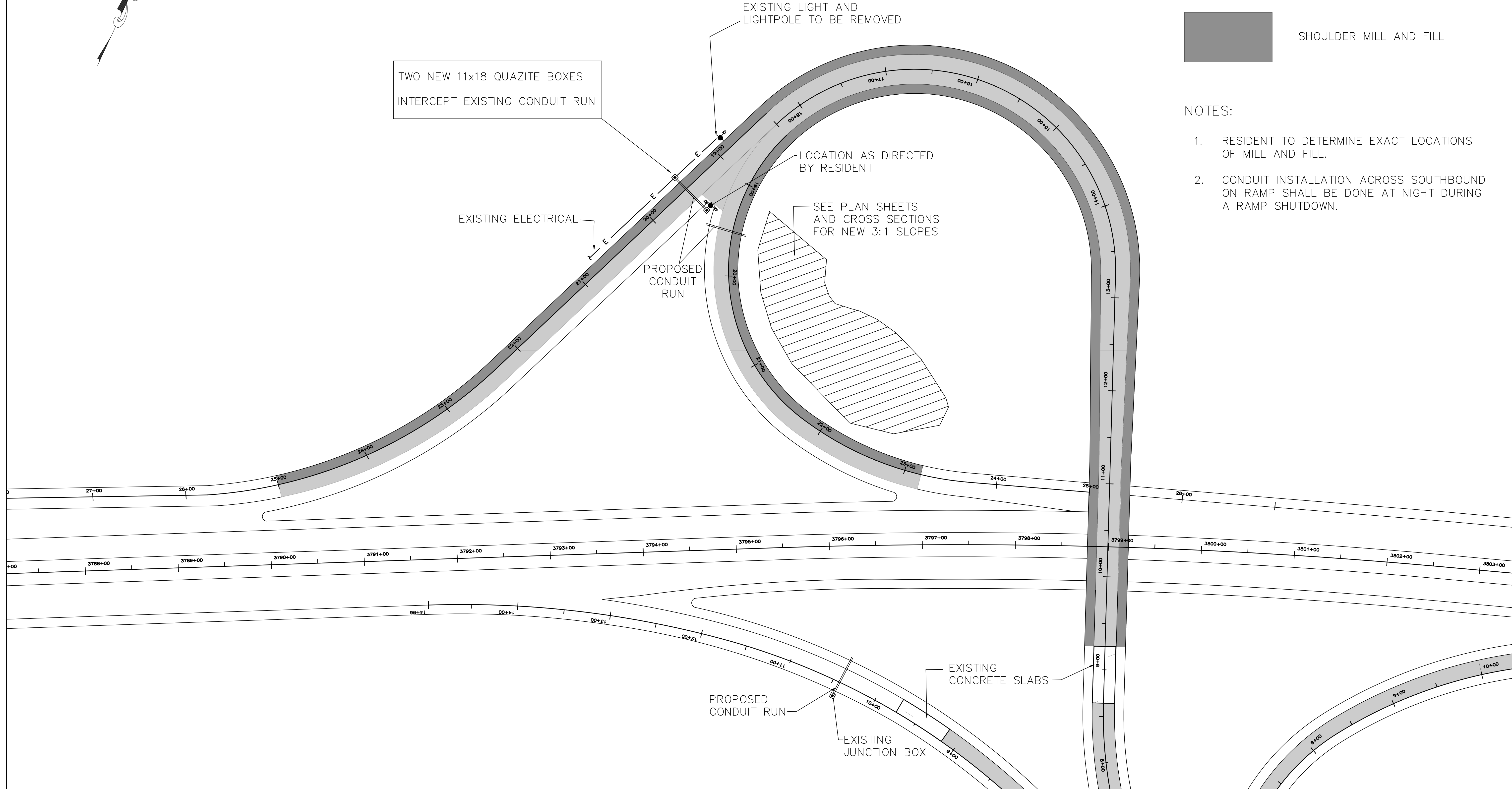








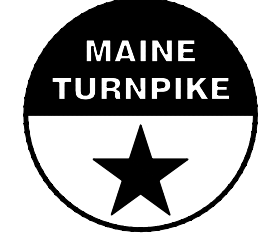
- NOTES:
1. RESIDENT TO DETERMINE EXACT LOCATIONS OF MILL AND FILL.
  2. CONDUIT INSTALLATION ACROSS SOUTHBOUND ON RAMP SHALL BE DONE AT NIGHT DURING A RAMP SHUTDOWN.



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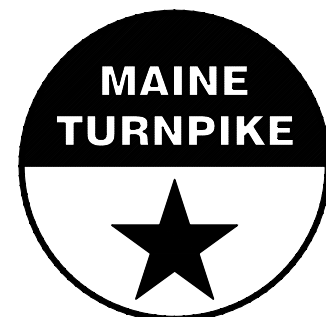
No.	Revision	By	Date
1	Addendum #1	JRL	3/18/24

Designed by:



	By	Date	By	Date	
Designed	JRL	02/29/24	Checked	HJM	02/29/24
Drawn	BMB	02/29/24	In Charge of	SRT	02/29/24

MAINE TURNPIKE AUTHORITY  
 2360 Congress Street  
 Portland, ME 04102  
 TEL (207) 871-7771  
 FAX (207) 879-5567



**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

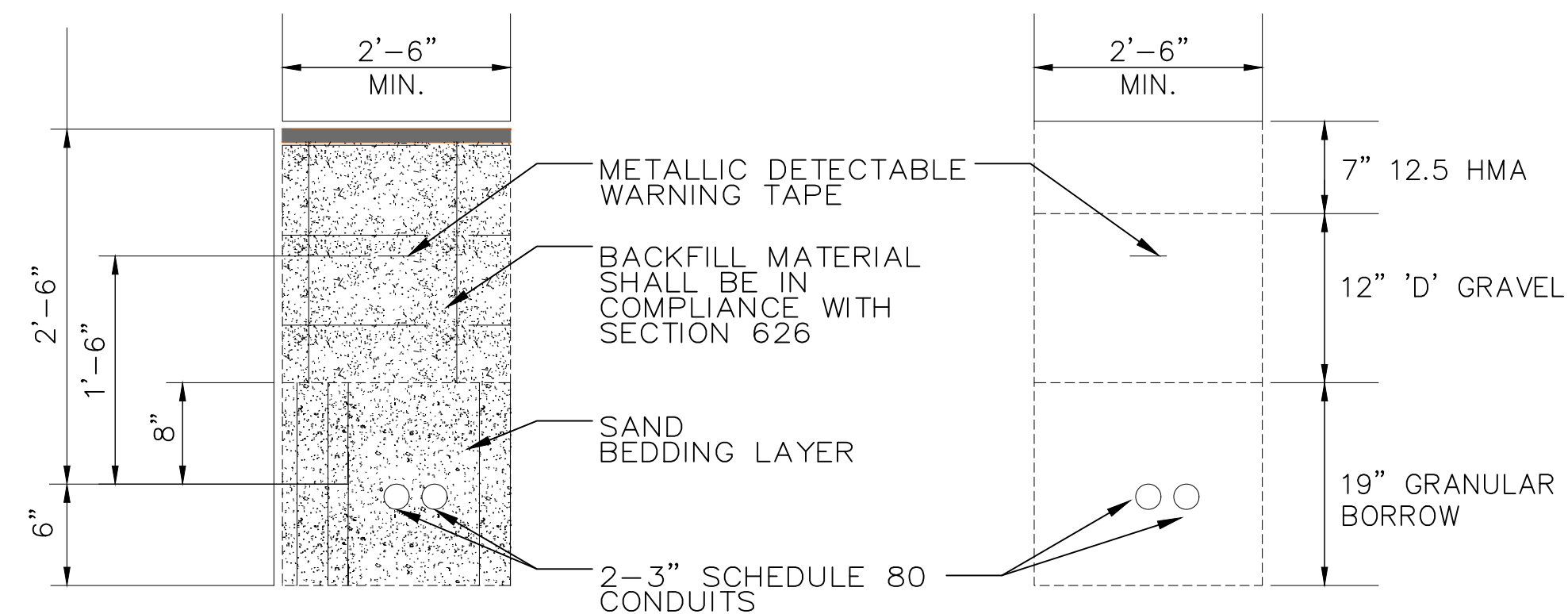
PAVEMENT REHABILITATION

SITE PLAN I

SHEET NUMBER: P-2

CONTRACT: 2024.04

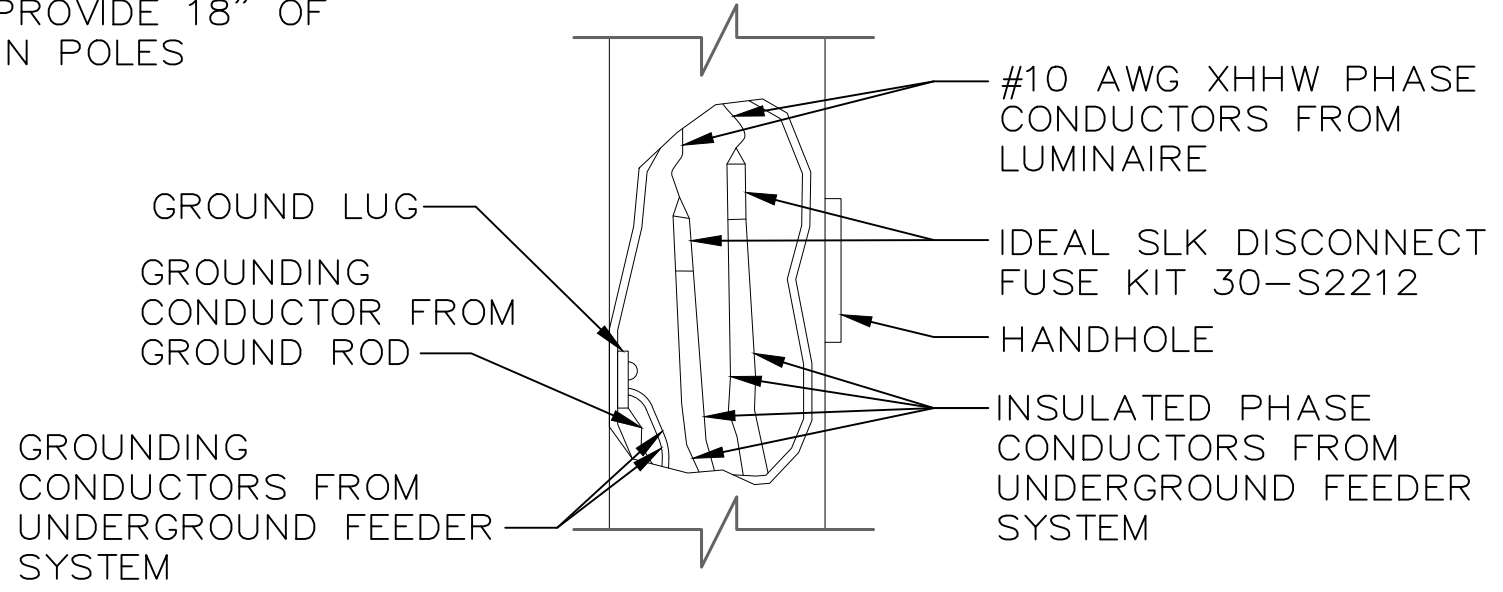
4 of 19



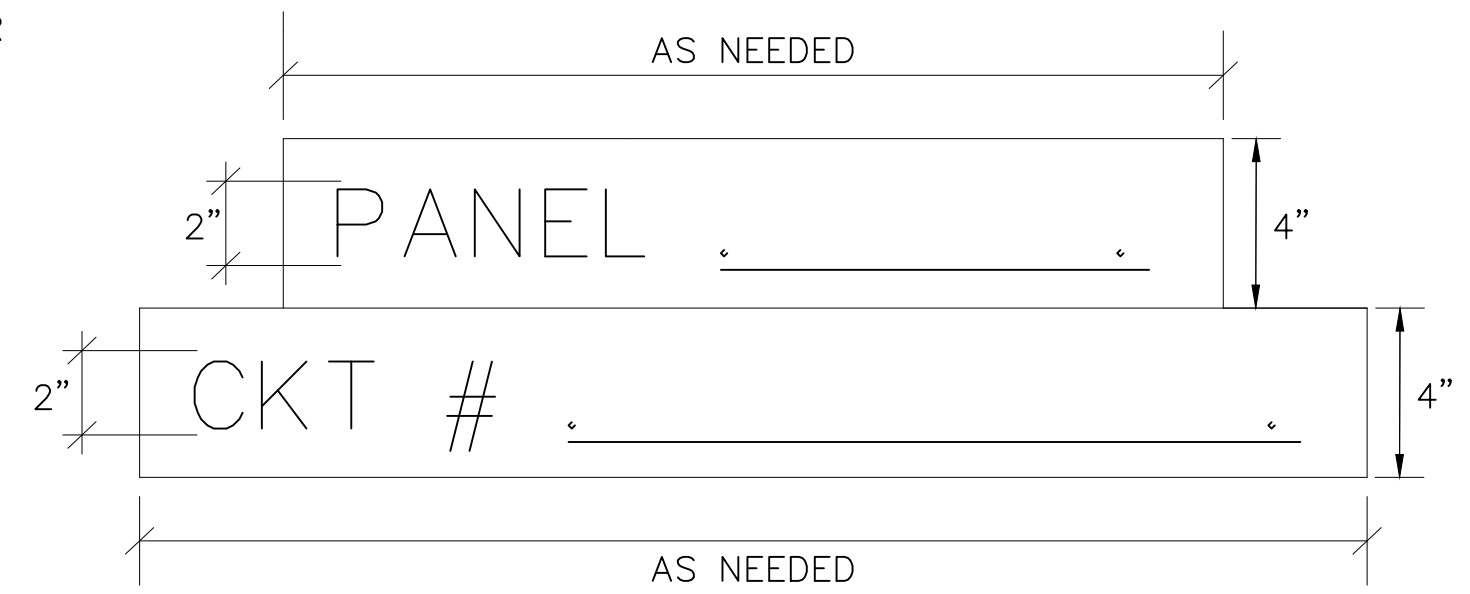
TRENCH CROSS SECTION

ROADWAY TRENCH CROSS SECTION

NOTE: CONTRACTOR SHALL PROVIDE 18" OF SLACK IN POLES

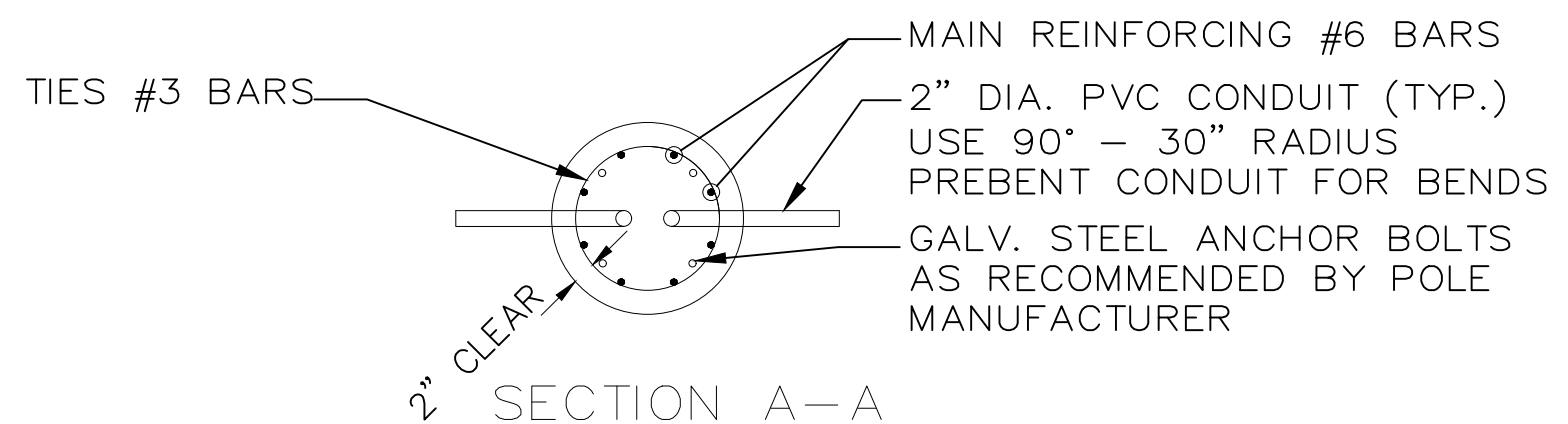


TYPICAL POLE WIRING DETAIL

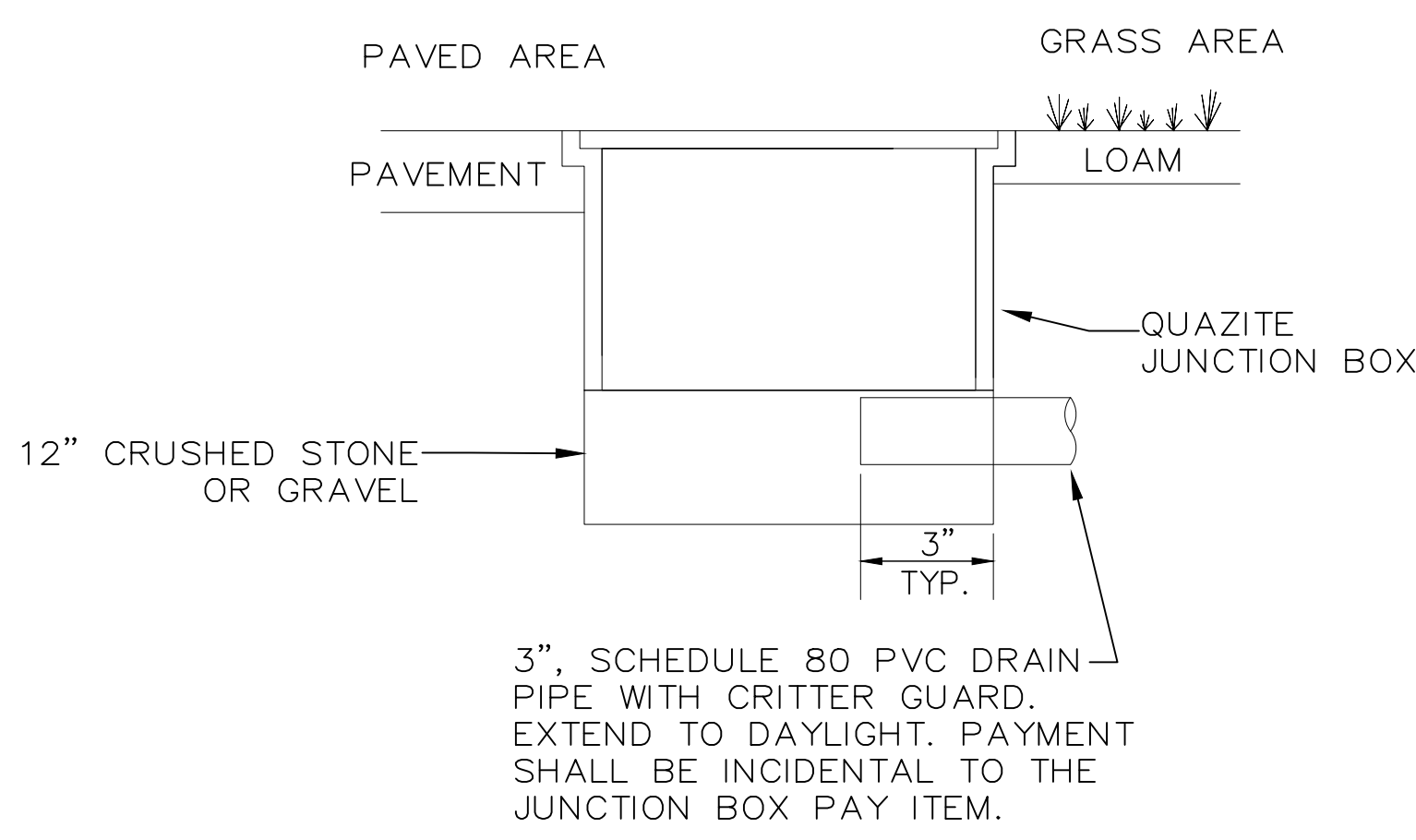


LABELS SHALL BE BLACK LETTERS ON A WHITE BACKGROUND. LABELS SHALL ADHERE TO THE POLES. ADHESIVE SHALL REMAIN TACKY FROM -10° F TO 110° F

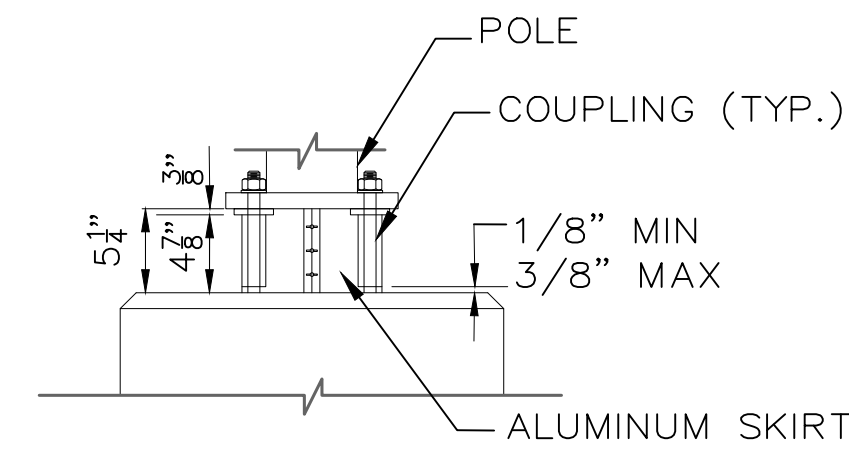
POLE IDENTIFICATION DETAIL



SECTION A-A

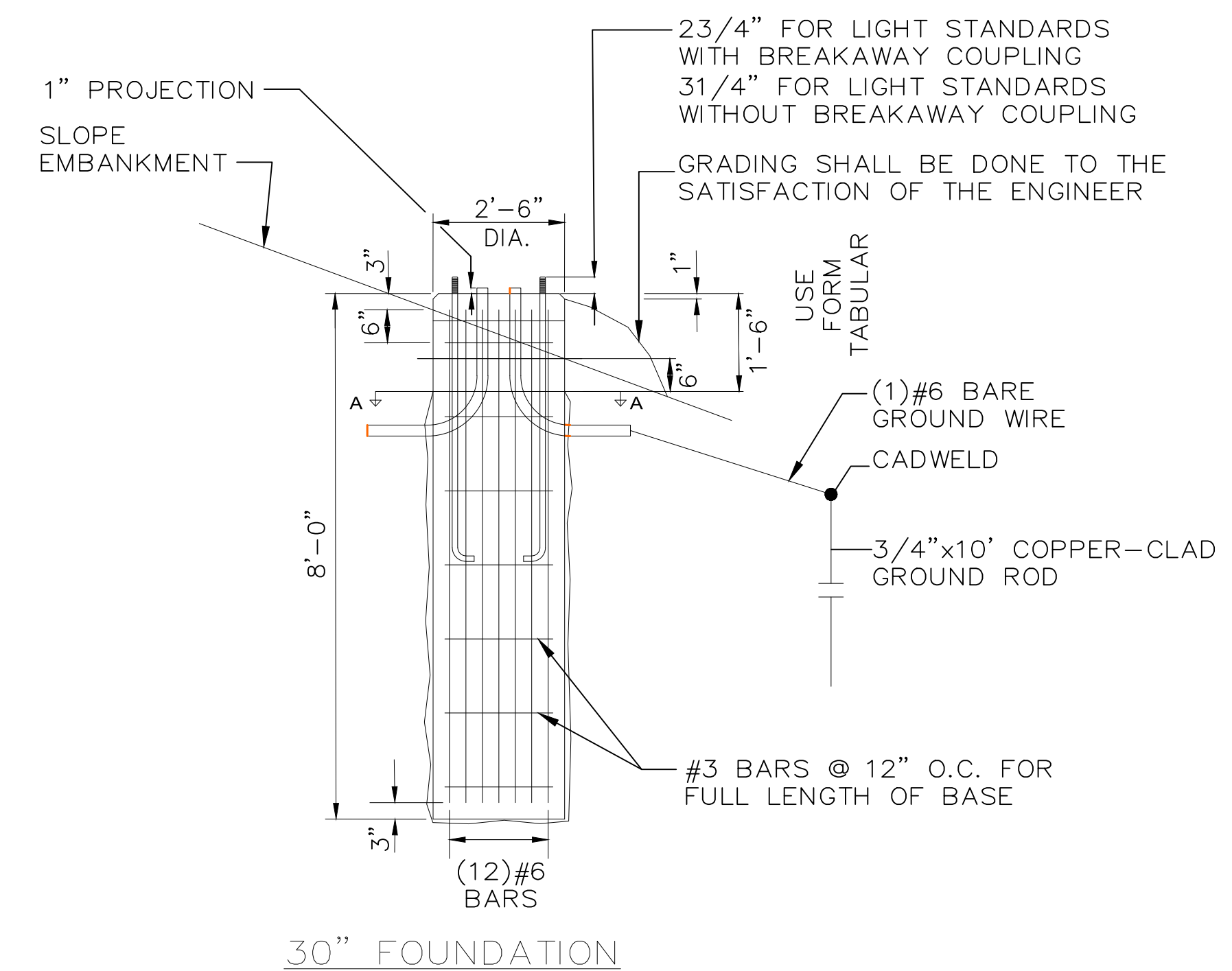


JUNCTION BOX COVER & FRAME



\* BREAKAWAY COUPLINGS SHALL BE REQUIRED ON ALL NEW LIGHT STANDARDS EXCEPT POLES MOUNTED ON BARRIER

BREAKAWAY COUPLINGS AND SKIRT DETAIL



30" FOUNDATION

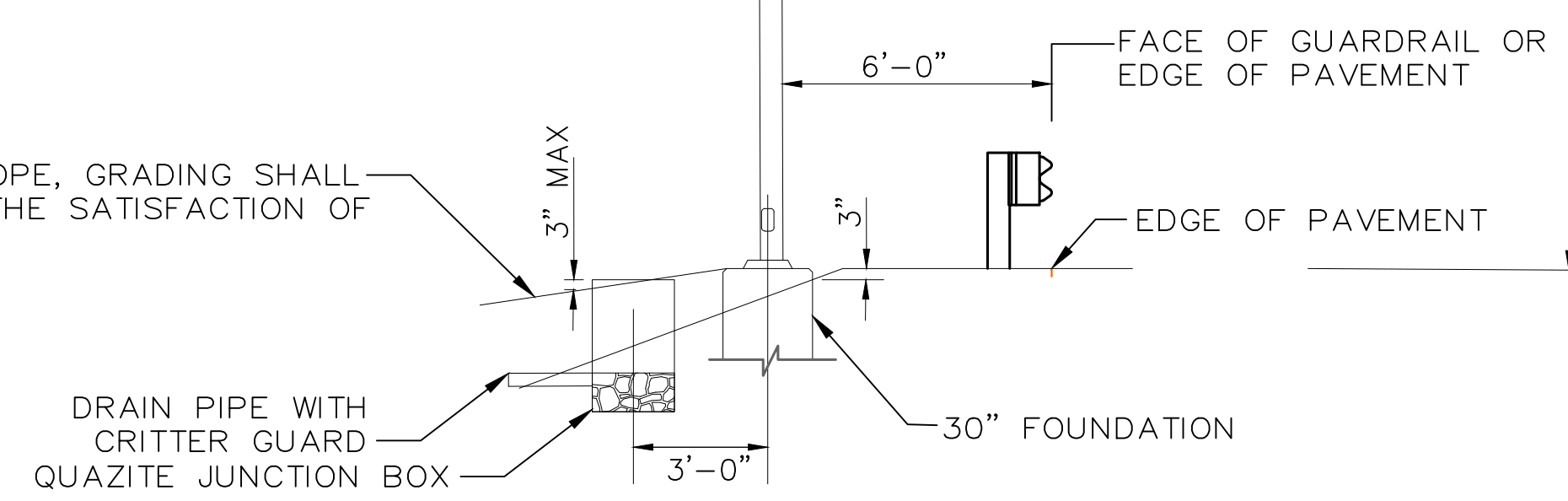
NOTES:

WHERE SOLID ROCK IS ENCOUNTERED AT LESS THAN THE REQUIRED DISTANCE BELOW GROUND LEVEL, REINFORCING STEEL SHALL BE DOWELED INTO LEDGE AS SHOWN ON MAINEDOT STANDARD DETAIL 626(06). PAYMENT SHALL BE INCIDENTAL TO THE FOUNDATION PAY ITEM.

NOTES:

1. INSTALL JUNCTION BOX ON GRADE.
2. SPLICES IN BOX SHALL BE MADE WITH ILSCO USPA-350SS-DB DUAL RATED INSULATED, IN-LINE, WATERPROOF SPLICE, UL LISTED FOR DIRECT BURIAL (WIRE RANGE FROM 350KCMIL - 10AWG STRANDED) ONLY. PROVIDE ENOUGH SLACK IN THE WIRE TO ALLOW REMOVAL OF SPLICES AND NEATLY ARRANGE WIRE IN BOX.
3. THE COVER SHALL BE LABELED WITH THE FUNCTION DESIGNATION IN 1" MIN TEXT AS FOLLOWS: -"LIGHTING" FOR LIGHTING CONDUIT -"COMMUNICATION" FOR COMMUNICATION CONDUITS -"SIGNAL" FOR SIGNAL CONDUITS.
4. COVER SHALL BE HEAVY DUTY TYPE TIER 22 WITH (2) 1/2" STAINLESS STEEL PENTA-HEAD BOLTS.

PROPOSED SLOPE, GRADING SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT



PLACEMENT OF LIGHT STANDARD

Scale: NOT TO SCALE		Designed by: 		MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567				THE GOLD STAR MEMORIAL HIGHWAY		PAVEMENT REHABILITATION ELECTRICAL DETAILS I	
No.	Revision	By	Date	By	Date	By	Date	SHEET NUMBER: P-8			
1	Addendum #1	JRL	3/18/24	Designed	JRL 02/29/24	Checked	HJM 02/29/24	CONTRACT: 2024.04			
				Drawn	BMB 02/29/24	In Charge of	SRT 02/29/24	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.			
								10 of 19			